Cantilever Loads
Eurotruss FD34

a (m)	P (kg)	q (kg/m)
0,50	1142,4	2284,9
1,00	1139,8	1139,8
1,50	772,1	758,1
2,00	576,5	567,2
2,50	458,5	366,8
3,00	379,4	252,9
3,50	322,5	184,3

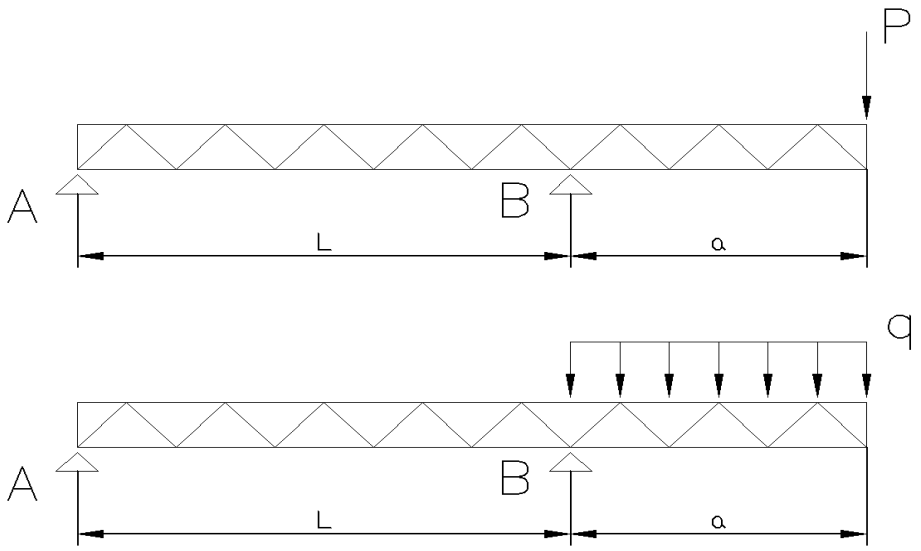
Be sure that point A has enough weight or is fixed against lifting loads.
L must be minimum double the length of the cantilever

Lifting load in point A:
A = P * a / L * 1,5
A = q * a * a / 2 / L *1,5

Upstanding loads in B:
B = P * (a + L) / L
B = q * a * (a / 2 + L) / L

The given loads are ideal, charasteristic loads. Loads have to be brought directly into the knots of the bracing. Local bending has to be checked seperate.

B must not exceed 2,5 kN



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